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July 11th.

MR. CASSIN, Vice President, in the Chair.

Thirteen members present.

The resignation of Dr. B. H. Rand, as Recording Secretary, was read.

The following papers were read and referred to a committee :

"Remarks on the genus *Taxocrinus*, &c., with descriptions of new species," and "Descriptions of new species of Crinoidea, &c." By F. B. Meek and A. H. Worthen.

The deaths of Joseph Hopkinson, M. D., Mr. James Dundas, Mr. J. Reese Fry, and Mr. Richard Price, late members, were announced.

July 18th.

MR. CASSIN, Vice President, in the Chair.

Eleven members present.

The following paper was read and referred to a committee :

"On *Amphibamus grandiceps*, &c." By Prof. E. D. Cope.

July 25th.

MR. CASSIN, Vice President, in the Chair.

Nine members present.

On Report of the respective Committees, the following papers were ordered to be published.

Descriptions of New Species of FOSSILS, from the Marshall Group of Michigan, and its supposed equivalent, in other States; with Notes on some Fossils of the same age previously described.

BY PROFESSOR ALEXANDER WINCHELL.

The following paper is intended to constitute a further contribution to our knowledge of certain western rocks occupying a position near the boundary line between the carboniferous and Devonian systems.* The materials for this paper have been in part collected by the writer in Michigan, Ohio, Indiana, and Iowa. Further material has been found amongst the *investiganda* of the "White Collection" of the University of Michigan. Col. Charles Whitlessey's collection of fossils from the "Fine Grained Sandstone" of Ohio, has also been placed in the writer's hands for study. In addition to this, the latter has spent several days with Prof. James Hall in his cabinet, engaged in making direct comparisons between the fossils of the rocks under consideration, and the types of the Chemung group, preserved in his magnificent collection. An opportunity has also been enjoyed of making a hasty survey of the fossils from the same horizon, contained in the extensive collection of the Illinois Geological Survey, for which the writer's acknowledgments are due to the Director, A. H. Worthen, Esq.

The reader will observe that all the identifications heretofore made with typical Chemung fossils from New York and Pennsylvania, have been aban-

* Former papers by the writer, on the same subject, may be referred to as follows: "First Biennial Report" of the Geological Survey of Mich. 1860; Amer. Jour. Sci. and Arts, [2] Vol. xxxiii. p. 352; ib. [2] xxxv. p. 61; Proc. Acad. Nat. Sci. Phil., Sept. 1862, p. 405; ib. Jan. 1863, p. 2.